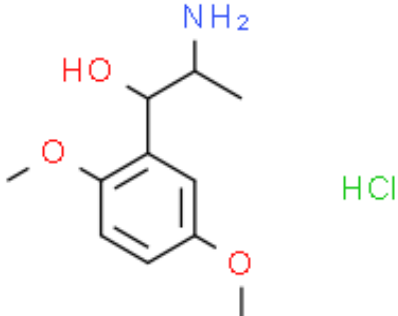


Product Data Sheet

Cas No.:	61-16-5	Cat. No:	PL14295
Product Name:	Methoxamine hydrochloride		
Product synonym:	盐酸甲氧明;盐酸甲氧胺;美迷克新命;凡索昔;盐酸甲氧明 USP标准品		
Chemical name:	Methoxamine hydrochloride		
MF:	C11H17NO3.HCL	FW:	247.72
Purity:	≥99%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	CC(C(C1=C(C=CC(=C1)OC)OC)O)N.Cl		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

Methoxamine hydrochloride 是一种选择性 alpha1 肾上腺素能受体激动剂。Methoxamine hydrochloride 引起血管收缩和外周血管阻力增加。Methoxamine hydrochloride 通过 Prazosin 敏感机制在兔肺动脉显著增加 ATP、ADP 和 AMP 的溢出，但不增加腺苷的溢出。

生物活性	Methoxamine hydrochloride is a selective alpha1-adrenergic receptor agonist. Methoxamine hydrochloride causes vasoconstriction and increased peripheral vascular resistance. Methoxamine hydrochloride significantly increased the overflow of ATP, ADP and AMP, but not adenosine, by a prazosin-sensitive mechanism in the rabbit pulmonary artery.
IC50 & Target[1][2]	Noradrenergic α1.
体内研究(In Vivo)	Methoxamine (0.025 mg/kg; femoral vein) hydrochloride has a greater effect on peripheral resistance vessels than on Winkessel vessels in the rat systemic circulation. has not independently confirmed the accuracy of these methods. They are for reference only. Animal Model:
包装储存	Powder -20°C 3 years; 4°C 2 years
溶解度数据	In Vitro: DMSO : 135 mg/mL (544.97 mM; Need ultrasonic)配制储备液